Quantic PMI
PLANAR MONOLITHICS

SUMMARY TEST DATA ON TD-30T-SHS-218

Customer: _____

SO No: _____

Model No: TD-30T-SHS-218

Serial No: PM405328

Tested By: K. Mansfield

Temperature: +25°C

Date: 12/12/2024

Drawing No: 27609529 Rev: A2

TEST ITEM NO.	PARAMETERS	SPECIFIED VALUE	TEST RESULTS	QA QC
1	Frequency Range:	2 GHz to 18 GHz	2 GHz to 18 GHz	PMI QA2
2	VSWR:	3.0 : 1 Max @ -20 dBm	3:1 See Plot	
3	Minimum Signal Level for Logic 1:	-20 dBm @ 2 GHz -17 dBm @ 18 GHz	-20.8 dBm @ 2 GHz -19.5 dBm @ 18 GHz	
4	Threshold Variation Over Frequency:	±0.5 dB (Any 1 GHz Window)	±0.75 dB	
5	Minimum Signal Level for Logic 0	-25 dBm	-21.25	
6	Dynamic Range	Up To +10 dBm	Pass	
7	Propagation Delay from 50% of an input of -20 dBm	15 ns Max	See Typical Characteristics	
8	Propagation Delay from 50% of an input of +10 dBm	15 ns Max	See Typical Characteristics	
9	Power Supply Voltage:	+15 VDC @ 100 mA Max. -15 VDC @ 100 mA Max.	+15 VDC @ 67 mA -15 VDC @ 48 mA	PMI QA2

QA/QC Approval: PMI QA2 Date: 12/18/2024

7309-A Grove Road Frederick, MD 21704 USA Phone: (301)662-5019 Fax: (301)662-1731
Email: sales@pmi-rf.com

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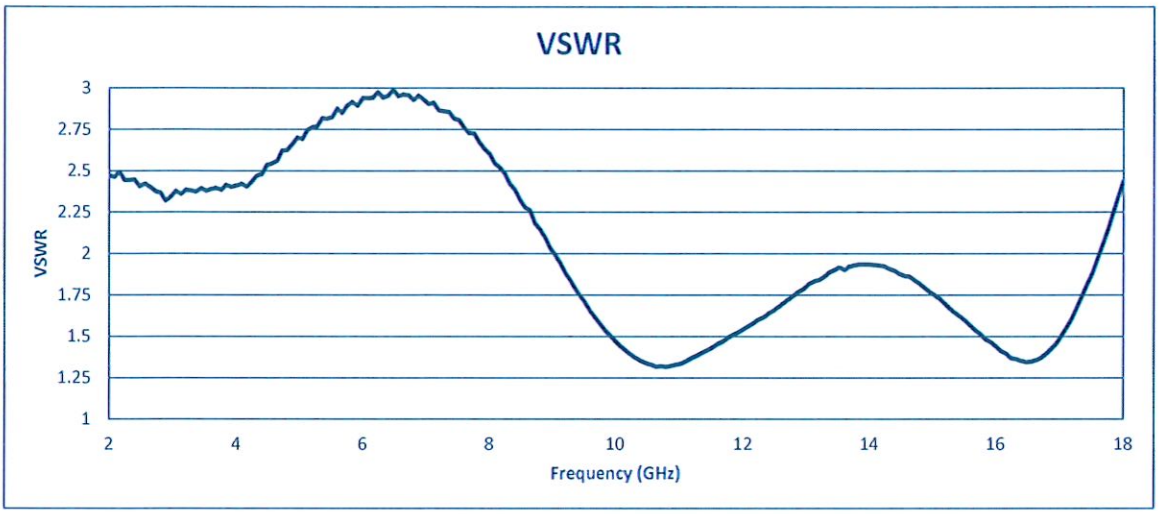
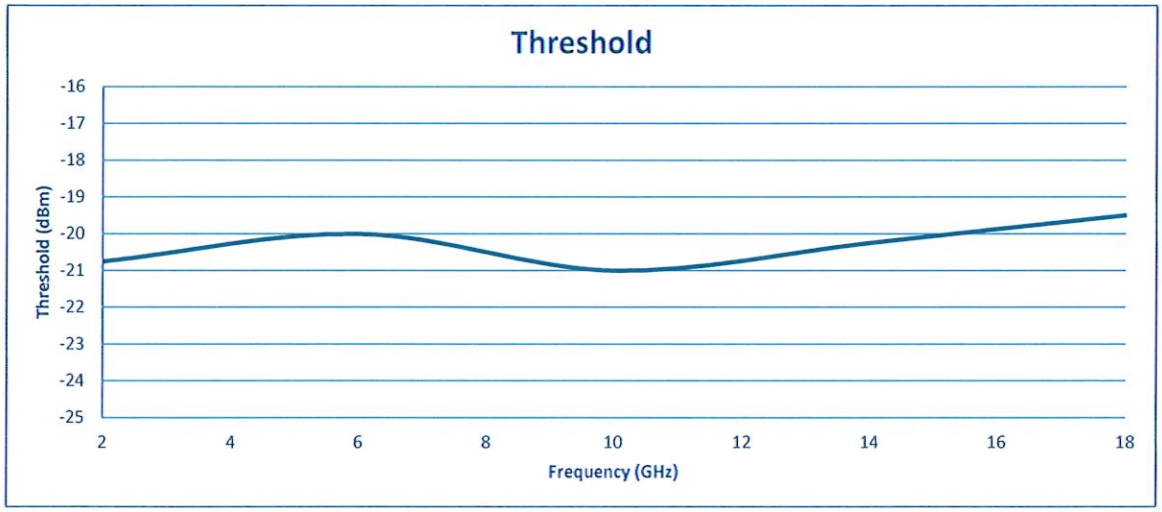
PM405328





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